

REMARKS

The Office rejected all pending claims 1-7 and 9-21 in the Office Action dated May 15, 2001. Applicant Mario DiMarco and Patent Attorney Shahpar Shahpar thank Examiners Tuan Dinh and Jeffrey Gaffin for the phone interview on July 27, 2001. Per the phone interview of July 27, 2001, the forgoing claim amendments were found to overcome the cited art of record. Thus, claims 1-7 and 9-24 are allowable over the cited art of record.

Claims 1, 2, and 6 have been amended and new claims 22-24 have been added. Attached is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version With Markings To Show Changes Made**". Claims 1-7 and 9-24 (3 independent and 23 total claims) remain pending in the application. Support for the amendments is found in the Specification and claims originally filed. No new matter is added by this Amendment.

CONCLUSION

In view of the foregoing, Applicants respectfully submit that all of the pending claims are allowable over the prior art of record. Reconsideration of the application and allowance of all pending claims is earnestly solicited. Should the Examiner wish to discuss any of the above in greater detail, then the Examiner is invited to telephone the undersigned at the Examiner's convenience.

Dated this 15th day of August, 2001.

Respectfully submitted,

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Version With Markings To Show Changes Made"

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1. (AMENDED) An integrated modular avionics (IMA) cabinet comprising:
a plurality of printed circuit board (PCB) modules, wherein each PCB module includes a faceplate and a connector assembly disposed opposite said faceplate such that each PCB module is enclosed; and

a chassis having a front, wherein said front of said chassis is configured with slots for receiving said plurality of PCB modules, and wherein said plurality of printed circuit board modules creates a seal with said chassis.

2. (AMENDED) An IMA cabinet in accordance with claim 1, wherein each of said plurality of PCB modules further comprises:

[a] said face plate having a first end and an opposite second end;
a first screw for attaching said first end of said face plate to said chassis; and
a second screw for attaching said second end of said face plate to said chassis.

6. (AMENDED) An IMA cabinet in accordance with claim 2, wherein said PCB module further comprises:

[a connector assembly disposed opposite said face plate;]

a first circuit board having a first end connected to said face plate and an opposite second end connected to said connector assembly; and

a second circuit board having a first end connected to said face plate and an opposite second end connected to said connector assembly, wherein said second circuit board is disposed adjacent said first circuit board.

22. (NEW) An IMA cabinet in accordance with claim 1, wherein each faceplate of said plurality of printed circuit board modules creates a seal with said chassis.

23. (NEW) An integrated modular avionics (IMA) cabinet comprising:

a plurality of printed circuit board (PCB) modules; and

a chassis having a front, wherein said front of said chassis is configured with slots for receiving said plurality of PCB modules, and wherein said plurality of printed circuit board

modules creates a seal with said chassis, wherein said seal is resistant to at least one of electromagnetic interference (EMI) and radio frequency interference (RFI).

24. (NEW) An integrated modular avionics (IMA) cabinet comprising:
a plurality of printed circuit board (PCB) modules, wherein each PCB module is enclosed; and

a chassis having a front, wherein said front of said chassis is configured with slots for receiving said plurality of PCB modules, and wherein said plurality of printed circuit board modules creates a seal with said chassis, wherein said seal is resistant to at least one of electromagnetic interference (EMI) and radio frequency interference (RFI).